

CLAIMS

What is claimed is:

- 1 1. A method for automatically entering information into form fields
2 comprising the steps of:
3 storing information to be entered into at least one form field in a wallet;
4 invoking an application program in response to an indication from a user
5 of a mobile device to do so;
6 scanning content transmitted from the application program to the mobile
7 device to find a form having at least one field into which information is to
8 entered;
9 accessing the wallet to retrieve information to enter into the at least one
10 field, if at least one mapping for the form exists;
11 entering the retrieved information into the at least one field; and
12 transmitting the form including the entered information to the mobile
13 device for display to the user.
- 1 2. The method of claim 1, wherein in the wallet comprises a plurality of
2 compartments for information.
- 1 3. The method of claim 2, wherein in the plurality of compartments for
2 information in the wallet have a hierarchical arrangement.

1 5. The method of claim 4, wherein the mapping for the form comprises
2 information mapping at least one field of the form into which information is to be
3 entered to at least one compartment for information in the wallet.

6. The method of claim 4, further comprising the step of:
creating information mapping at least one field of the form into which
information is to be entered to at least one compartment for information in the
wallet based on the received selection of information made by the user, if no
mapping existed for the at least one field.

1 7. The method of claim 5, further comprising the step of:
2 updating information mapping at least one field of the form into which
3 information is to be entered to at least one compartment for information in the

4 wallet based on the received selection of information made by the user, if the
5 entered information was edited by the user.

1 8. The method of claim 4, further comprising the step of:
2 creating at least one compartment for information in the wallet; and
3 creating information mapping at least one field of the form into which
4 information is to be entered to the at least one compartment for information in the
5 wallet based on the received selection of information made by the user, if no
6 mapping existed for the at least one field.

1 9. The method of claim 4, further comprising the steps of:
2 transmitting the form to the mobile device, if no mappings for the form
3 exist;
4 receiving at least one selection of information to be entered into the at
5 least one field of the form into which information is to be entered made by the
6 user of the mobile device; and
7 transmitting the form including the selected information to the application
8 program.

1 10. The method of claim 9, wherein the at least one selection of information is
2 made from information stored in a compartment for information in the wallet.

1 11. The method of claim 10, further comprising the step of:
2 creating information mapping at least one field of the form into which
3 information is to be entered to the at least one compartment for information in the
4 wallet based on the received selection of information made by the user.

1 12. The method of claim 2, further comprising the steps of:
2 transmitting the form to the mobile device, if no mappings for the form
3 exist;
4 receiving at least one selection of information to be entered into the at
5 least one field of the form into which information is to be entered made by the
6 user of the mobile device; and
7 transmitting the form including the selected information to the application
8 program.

1 13. The method of claim 12, wherein the at least one selection of information
2 is made from information stored in a compartment for information in the wallet.

1 14. The method of claim 13, further comprising the step of:

2 creating information mapping at least one field of the form into which
3 information is to be entered to the at least one compartment for information in the
4 wallet based on the received selection of information made by the user.

1 15. A system for automatically entering information into form fields
2 comprising:

3 a processor operable to execute computer program instructions; and

4 a memory operable to store computer program instructions executable
5 by the processor, for performing the steps of:

6 storing information to be entered into at least one form field in a wallet;

7 invoking an application program in response to an indication from a user
8 of a mobile device to do so;

9 scanning content transmitted from the application program to the mobile
10 device to find a form having at least one field into which information is to
11 entered;

12 accessing the wallet to retrieve information to enter into the at least one
13 field, if at least one mapping for the form exists;

14 entering the retrieved information into the at least one field; and

15 transmitting the form including the entered information to the mobile
16 device for display to the user.

1 16. The system of claim 15, wherein in the wallet comprises a plurality of
2 compartments for information.

1 17. The system of claim 16, wherein in the plurality of compartments for
2 information in the wallet have a hierarchical arrangement.

1 18. The system of claim 16, further comprising the steps of:
2 receiving at least one edit made by the user of the mobile device to the
3 entered information; and
4 transmitting the form including the edited entered information to the
5 application program.

1 19. The system of claim 18, wherein the mapping for the form comprises
2 information mapping at least one field of the form into which information is to be
3 entered to at least one compartment for information in the wallet.

1 20. The system of claim 18, further comprising the step of:
2 creating information mapping at least one field of the form into which
3 information is to be entered to at least one compartment for information in the
4 wallet based on the received selection of information made by the user, if no
5 mapping existed for the at least one field.

21. The system of claim 19, further comprising the step of:

updating information mapping at least one field of the form into which information is to be entered to at least one compartment for information in the wallet based on the received selection of information made by the user, if the entered information was edited by the user.

1 22. The system of claim 18, further comprising the step of:
2 creating at least one compartment for information in the wallet; and
3 creating information mapping at least one field of the form into which
4 information is to be entered to the at least one compartment for information in the
5 wallet based on the received selection of information made by the user, if no
6 mapping existed for the at least one field.

23. The system of claim 18, further comprising the steps of:

transmitting the form to the mobile device, if no mappings for the form exist;

receiving at least one selection of information to be entered into the at least one field of the form into which information is to be entered made by the user of the mobile device; and

7 transmitting the form including the selected information to the application
8 program.

1 24. The system of claim 23, wherein the at least one selection of information
2 is made from information stored in a compartment for information in the wallet.

1 25. The system of claim 24, further comprising the step of:
2 creating information mapping at least one field of the form into which
3 information is to be entered to the at least one compartment for information in the
4 wallet based on the received selection of information made by the user.

1 26. The system of claim 16, further comprising the steps of:
2 transmitting the form to the mobile device, if no mappings for the form
3 exist;
4 receiving at least one selection of information to be entered into the at
5 least one field of the form into which information is to be entered made by the
6 user of the mobile device; and
7 transmitting the form including the selected information to the application
8 program.

1 27. The system of claim 26, wherein the at least one selection of information
2 is made from information stored in a compartment for information in the wallet.

1 28. The system of claim 27, further comprising the step of:
2 creating information mapping at least one field of the form into which
3 information is to be entered to the at least one compartment for information in the
4 wallet based on the received selection of information made by the user.

1 29. A computer program product for automatically entering information into
2 form fields comprising:

3 a computer readable medium;
4 computer program instructions, recorded on the computer readable
5 medium, executable by a processor, for performing the steps of
6 storing information to be entered into at least one form field in a wallet;
7 invoking an application program in response to an indication from a user
8 of a mobile device to do so;

9 scanning content transmitted from the application program to the mobile
10 device to find a form having at least one field into which information is to
11 entered;

12 accessing the wallet to retrieve information to enter into the at least one
13 field, if at least one mapping for the form exists;

14 entering the retrieved information into the at least one field; and
15 transmitting the form including the entered information to the mobile
16 device for display to the user.

1 30. The computer program product of claim 29, wherein in the wallet
2 comprises a plurality of compartments for information.

1 31. The computer program product of claim 30, wherein in the plurality of
2 compartments for information in the wallet have a hierarchical arrangement.

1 32. The computer program product of claim 30, further comprising the steps
2 of:

3 receiving at least one edit made by the user of the mobile device to the
4 entered information; and

5 transmitting the form including the edited entered information to the
6 application program.

1 33. The computer program product of claim 32, wherein the mapping for the
2 form comprises information mapping at least one field of the form into which
3 information is to be entered to at least one compartment for information in the
4 wallet.

1 34. The computer program product of claim 32, further comprising the step
2 of:

3 creating information mapping at least one field of the form into which
4 information is to be entered to at least one compartment for information in the
5 wallet based on the received selection of information made by the user, if no
6 mapping existed for the at least one field.

1 35. The computer program product of claim 33, further comprising the step
2 of:

3 updating information mapping at least one field of the form into which
4 information is to be entered to at least one compartment for information in the
5 wallet based on the received selection of information made by the user, if the
6 entered information was edited by the user.

1 36. The computer program product of claim 32, further comprising the step
2 of:

3 creating at least one compartment for information in the wallet; and

4 creating information mapping at least one field of the form into which

5 information is to be entered to the at least one compartment for information in the

6 wallet based on the received selection of information made by the user, if no
7 mapping existed for the at least one field.

1 37. The computer program product of claim 32, further comprising the steps
2 of:

3 transmitting the form to the mobile device, if no mappings for the form
4 exist;

5 receiving at least one selection of information to be entered into the at
6 least one field of the form into which information is to be entered made by the
7 user of the mobile device; and

8 transmitting the form including the selected information to the application
9 program.

1 38. The computer program product of claim 37, wherein the at least one
2 selection of information is made from information stored in a compartment for
3 information in the wallet.

1 39. The computer program product of claim 38, further comprising the step
2 of:

3 creating information mapping at least one field of the form into which
4 information is to be entered to the at least one compartment for information in the
5 wallet based on the received selection of information made by the user.

1 40. The computer program product of claim 30, further comprising the steps
2 of:

3 transmitting the form to the mobile device, if no mappings for the form
4 exist;

5 receiving at least one selection of information to be entered into the at
6 least one field of the form into which information is to be entered made by the
7 user of the mobile device; and

8 transmitting the form including the selected information to the application
9 program.

1 41. The computer program product of claim 40, wherein the at least one
2 selection of information is made from information stored in a compartment for
3 information in the wallet.

1 42. The computer program product of claim 41, further comprising the step
2 of:

- 3 creating information mapping at least one field of the form into which
- 4 information is to be entered to the at least one compartment for information in the
- 5 wallet based on the received selection of information made by the user.